## PENDING CLAIMS AS AMENDED

Please amend the claims as follows:

1. (Currently Amended) A communication receiver, comprising:

a receiver portion for down converting a received signal to base band frequency;

a low pass filter for filtering said base band frequency signal to produce on-channel received samples; and

a processor for processing said base band frequency to produce out-of-channel received samples.

2. (Currently Amended) The receiver as recited in claim 1, further comprising:

a receiver back-end portion for processing said on-channel and out-of-channel received samples essentially at the same time to decode said on-channel received samples and ~~to determine~~ for determining at least one of a link quality and global positioning system originated information of said out-of-channel received samples.

3. (Currently Amended) The receiver as recited in claim 1 wherein said receiver portion for down converting includes:

an oscillator for producing a signal at essentially the same frequency as an on-channel frequency[[,]]; and

a multiplier for down converting said received signal to base band frequency by multiplying said received signal to said local oscillator produced signal.

4. (Currently Amended) The receiver as recited in claim 1, wherein said receiver portion for down converting includes:

~~including~~ a low noise amplifier for amplifying said received signal for processing in said receiver.

5. (Currently Amended) The receiver as recited in claim 2, wherein said receiver back-end portion includes:

a number of fingers and a searcher for processing said on-channel and out-of-channel received samples.

6. (Currently Amended) A method in a communication system, comprising:

down converting a received signal to produce on-channel and out-of-channel received samples;

processing said on-channel received samples to decode on-channel information; and

processing said out-of-channel received samples to determine at least one of a link quality and global positioning system originated information.

7. (Currently Amended) The method as recited in claim 6, wherein said processing of said on-channel received samples and said processing of said out-of-channel received samples are performed essentially at the same time by a receiver back-end.

8. (Currently Amended) The method as recited in claim 6, wherein said link quality is related to determining a hard handoff candidate and said global positioning system originated information is related to a position a receiver in said communication system.

9. (Currently Amended) A method for determining a hard handoff candidate in a mobile station, comprising:

receiving a broad band signal including signals from an on-channel traffic channel base station and from an out-of-channel pilot channel base station,

wherein frequency of signals of said on-channel traffic channel and said out-of-channel pilot channel is different; and

down converting said received broad band signal to on-channel traffic channel received samples and out-of-channel pilot channel received samples.

10. (Currently Amended) The method as recited in claim 9, further comprising:

processing said on-channel traffic channel received samples to decode said traffic channel data; and

processing said out-of-channel pilot channel received samples to determine quality of said pilot channel.

11. (Currently Amended) The method as recited in claim 10, wherein said processing said on-channel traffic channel received samples and said processing said out-of-channel pilot channel received samples are performed essentially at the same time by a common receiver back-end.

12. (Currently Amended) The method as recited in claim 10, wherein said determined quality of said pilot channel is used to determine whether a source of said pilot channel is a hard handoff candidate.

13. (Currently Amended) A mobile station receiver, comprising:

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a receiver portion for receiving a broad band signal including signals from an on-channel traffic channel base station and from an out-of-channel pilot channel base station,

wherein frequency of signals of said on-channel traffic channel and said out-of-channel pilot channel <u>are</u> [[is]] different; and

a zero intermediate frequency portion for down converting said received broad band signal to on-channel traffic channel received samples and out-of-channel pilot channel received samples.

14. (Currently Amended) The mobile station as recited in claim 13, further comprising:

a back-end portion for processing said on-channel traffic channel received samples to decode said traffic channel data and processing said out-of-channel pilot channel received samples to determine quality of said pilot channel.

15. (Currently Amended) The mobile station as recited in claim 14, wherein said processing said on-channel traffic channel received samples and said processing said out-of-channel pilot channel received samples are performed essentially at the same time by said back-end portion.

16. (Currently Amended) The mobile station as recited in claim 14, wherein said determined quality of said pilot channel is used to determine whether a source of said pilot channel is a hard handoff candidate.

17. (Currently Amended) A processor, comprising:

an input portion for receiving a down converted, [[a]] received signal in a form of on-channel and out-of-channel received samples; and

a processor portion for processing said on-channel received samples to decode on-channel information and said out-of-channel received samples to determine at least one of a link quality and global positioning system originated information.

As Amended

18. (Currently Amended) The processor as recited in claim 17, wherein said processor portion includes a receiver back-end for processing of said on-channel received samples and said processing of said out-of-channel received samples at essentially the same time.

19. (Currently Amended) The processor as recited in claim 17, wherein said link quality is related to determining a hard handoff candidate and said global positioning system originated information is related to a position a receiver incorporating said processor in said communication system.

20. (Cancelled).